Amateur TELEVISION Quest

AWARD PROGRAM

ANNOUNCING THE FORMATION OF THE ATQ SOCIETY.

Over the span of several weeks in July and August, a number of QSO's on the local repeater have centered around getting more ATV activity going. From the group sprung several ideas. Tom W9NBG, a Des Plaines ATV'er provided an outline and drawing which have inspired the Q awards. These are designed to loosely follow the WAS (Worked Atv Stations) (Quantum) and DXCC (Quest) awards. The system resembles the SWOT and SMIRK VHF programs in operation. The program is sponsored by ATVQ Magazine, but the participants do not have to be subscribers.

QUANTUM AWARD

It is not possible to work ATV stations in all 50 states from a single location. So to provide a similar award program, the Quantum award is for WAS (Worked Atv Stations). The ATV station contacts other ATV stations, exchanges Quest numbers (Q number) in VIDEO only, and gets 1 contact point. Thus a sync bar signal is NOT good enough to qualify as a contact. A full video exchange must take place. The station may use simplex, ATV repeaters, or may gain 1/2 point for a one way reception of, for example, an ATV Balloon, or other drone/beacon signal. The repeater station does NOT count as a contact.

Because ATV is in clumps, groups of stations in an area, usually separated by vast spaces to the next group, ie Kansas City does not regularly contact St. Louis, there is a limit to the number of "local" contacts a station could make, normally limited by the number of active stations in the area. This would seem to give big cities an advantage over small towns. To even the playing field, a station can operate portable, mobile or otherwise, 25 miles away from the stations normal fixed QTH and count as a second station.

Example: Station A5TV contacts N5TV and both operate from their home QTH. They exchange Q numbers and each gets 1 point. A5TV now goes to a point 25 miles away from his home QTH and again works N5TV. Again Q numbers are exchanged and both get another point. N5TV now goes to a place 25 miles from his home QTH and works A5TV again. They exchange Q numbers in video and get a third contact point. There is no limit to the number of locations except each must not be closer than 25 miles from any other point used previously. Thus you could locate a number of points at 25 mile intervals in the same direction or orthogonally to achieve any number of possible contact points. This allows for portable or mobile operation anywhere!

AWARD LEVELS

A Certificate suitable for framing will be awarded each station which has succeeded in contacting the following number of ATV stations:20, 50, 100, 150, 200, &. higher levels in increments of 100 will also be awarded. **Multiple bands and multiple modes count as separate contacts!**

QUEST AWARD

In addition to working a number of stations, it is thought that there should be a form of DXCC to recognize DX achievements in video. This award is based on distance in 100 mile increments. The award will recognize 2-way video contact made as described in the QUANTUM award. To qualify the ATV station contacts another ATV station, exchanges 2-way video and Q number. If the station is more than 100 miles distant, the stations qualify for the ATVDX-I award (100 miles), likewise for 200, 300, 400 ... up to 1,000 miles for ATVDX-X and higher awards as are necessary for longer distances. **Multiple bands are recognized as separate contacts.**

VS-100 ATV Repeater Controller

* Ten Video inputs and four audio inputs.
* Three operational modes: Repeater, Scan & Manual.
* Built in CW ID programmable with touch tone.
* Control receiver input for touch tone control.
* Touch tone programmable control and user codes.
* Eight AUX TTL touch tone controlled outputs.
* 19"w x 1.75"h x 8"d enclosure with 115 VAC power supply.
* Video ID input with support for ELKTRONICS video ID.
* Built in sync detector (VOR board).

Micro Computer Concepts AMERICAN
1825 East 109th Ave, Tampa, Fla 33612

813-977-3547
Visa, MC, MO, checks, COD

Amateur TELEVISION Quest AWARD PROGRAM

JOINING ATQ SOCIETY

Any ham or SWL may join ATQ Society. Each member receives a full color certificate of membership suitable for framing. Each certificate has a personal Quest ID number, which is used in the exchange of video contacts with other ATQ members. Each member's number is unique Subscribers of ATVQ Magazine **who have their ham call on file** will receive their certificate automatically. Otherwise they must comply with the non subscriber application. Non ATVQ Subscribers may send $2.50 in stamps or cash or check to cover the cost of printing the full color certificate and mailing.

In return mail each applicant will receive their handsome full color certificate (as shown on the cover of this issue) on 11 x 8.5 heavy certificate stock, printed with their call letters and personal Quest number. Non hams (SWL's etc) will be issued the same certificate but will have a Q call sign assigned in place of the ham call letters. For example Q1AA, etc for each call district.

APPLYING FOR AWARDS

Upon reaching each plateau, an ATV station may apply for the appropriate award. A log should be submitted to ATVQ Magazine with the following information:

The call, name, address and Q number of the applicant. Listing of the name and call and Q number of each contact, date and time of each contact and band on which the contact is made. Enclose $3 per certificate to cover the cost of color printing and postage in stamps or cash.

By return mail the applicant will receive the certificate for which qualified. In some instances verification will be made to keep things on the up and up.

STARTING DATE

To give everyone an equal footing, the start date for any qualifying contacts is Oct 1, 1993. Only contacts made after this date qualify for the awards.

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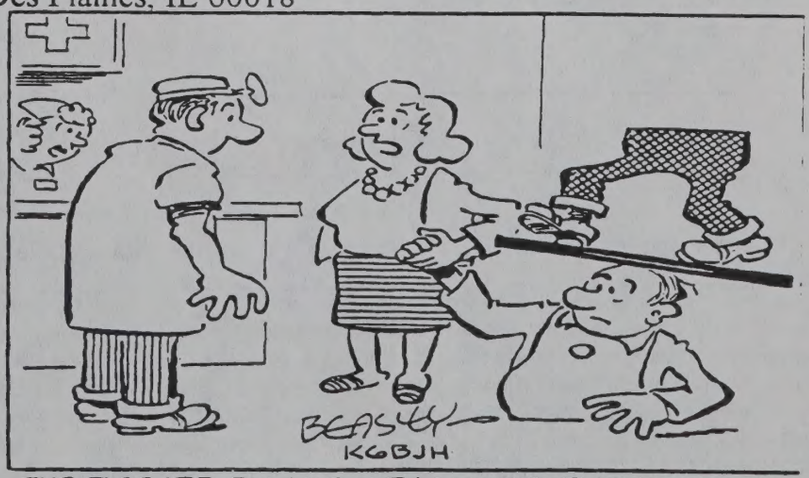
THE RULES

1. Become a member of ATQ Society.
2. Obtain membership Q number.
3. Exchange the Q number only in VIDEO MODE (never voice or other method).
4. AM or FM video may be used.
5. Any ATV band may be used INCLUDING SSTV or FAX.
6. Modes should be kept separate. Awards will be made for each mode and each band on which qualified. (ie 20 contacts on 440 MHz FSTV, 20 contacts on 1255 MHz in FM mode FSTV, 20 contacts on HF in SSTV, etc).
7. The highest award made in each category will be published regularly and top winners will be honored at Dayton Hamvention each year.
8. Don't cheat! It only lowers the value of the award you pin on the wall.
9. Make a separate application for each award certificate.
10. HAVE LOTS OF FUN!
11. Quantum awards may be qualified on any ATV band and any VIDEO mode. (RTTY and PACTOR pictures DO NOT COUNT!)
12. QUEST awards are only for contacts above 50.1 MHz. (SSTV on 6, 2, 220) FSTV/SSTV on 420 MHz and above.
13. Repeaters may NOT be used for DX awards (Quest), only direct contacts.
14. SWL contacts count as 1 point for each station received. Hams who "intercom" in voice and receive only on video may count 1/2 point per station.
15. Balloons and other beacon stations count towards Quantum awards but only as 1/2 point.
16. Satellite (OSCAR) contacts count for QUANTUM but not QUEST awards.
17. HAVE MORE FUN!
18. Do not send QSL's, video tapes, photos unless you want them used in ATVQ magazine writeups (much appreciated). They are NOT necessary for awards but make good reading!
19. Clubs may participate as club stations.
20. Recruit other ATV stations to become Quest Society members and expand the possible Q number list!

For further information contact ATVQ, 540 Oakton St., Des Plaines, IL 60018



THE PICTURE ON HIS ATV MONITOR STARTED ROLLING A MONTH AGO, AND HE'S BEEN TRYING TO WATCH IT EVER SINCE!

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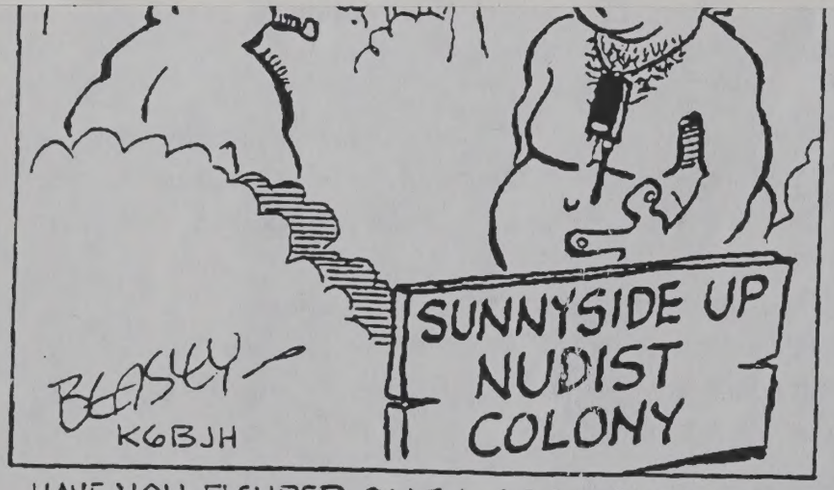

HAVE YOU FIGURED OUT A GOOD PLACE TO HANG YOUR HANDHELD?

HEY RUSS, CAN YOU COME HERE AND SHOW ME WHAT TO DO? I THINK THIS GUY JUST SWALLOWED ONE OF OUR 5/8 WAVE MAGMOUNTS!

Southern New England ATV NET

The SNEATV net serving the New England area from W1NI in Connecticut operates at 7:30 PM local on 4439 KHz. Stations looking for activity and local ATV repeater info for the southern New England area should check in. Support your local repeater!

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M/P/F

ATQ AWARD LOG SHEET

DUPLICATE AS NEEDED

NAME _____ CALL _____ Q NUMBER _____ DATE _____

QTH _____ CITY _____ STATE _____

ZIP _____ AWARD CATAGORY: _____ ENDORSEMENT _____

STATION	DATE	MODE BAND	M/P/F	Q#	DISTANCE	QTH	QSO #

LOG INSTRUCTIONS:

CIRCLE THE MODE IN THE UPPER LEFT CORNER THAT YOU ARE OPERATING (Mobile, Portable, Fixed).
ENTER THE DATA AT THE TOP OF THE PAGE. AWARD CATAGORY IS QUEST, QUANTUM OR SWL.
ENDORSEMENTS: sstv, fax, fstv, FMVIDEO (FAST SCAN).
BANDS AND LEVEL. IE fm fstv 100 STATIONS; sstv 50 qso'S, mobile fstv 200 MILES. ETC.
LOG COLUMNS: STATION, THE STATION YOU ARE IN QSO WITH.
DATE: THE DATE OF THE QSO.
BAND/MODE: FREQUENCY (450, 900 ETC) MODE: SSTV, FAX, AM FSTV, FM FSTV
M/P/F: WHAT THE OTHER STATION IS OPERATING F= HOME QTH, M= VEHICLE IN MOTION, P= FIXED LOCATION (IN OR OUT OF A VEHICLE) AWAY FROM THE HOME QTH.
Q#, THE Q NUMBER OF THE OTHER STATION
DISTANCE: FOR DISTANCE AWARD (QUEST) AND FOR PORTABLE/MOBILE OPERATION WHEN THE OTHER STATION IS AT 25 MILE INTERVALS (SEE RULES).
QTH: WHERE THE MOBILE/PORTABLE STATION IS LOCATED.
QSO #: START WITH 1 AND COUNT UP TOWARDS EACH AWARD.
suggestion: USE SEPERATE SHEETS FOR EACH AWARD TYPE YOU ARE WORKING TOWARDS.
A SEPARATE LOG FOR YOUR FIXED, PORTABLE, MOBILE OPERATION, AND EACH MODE AND BAND YOU USE.

EXAMPLES:

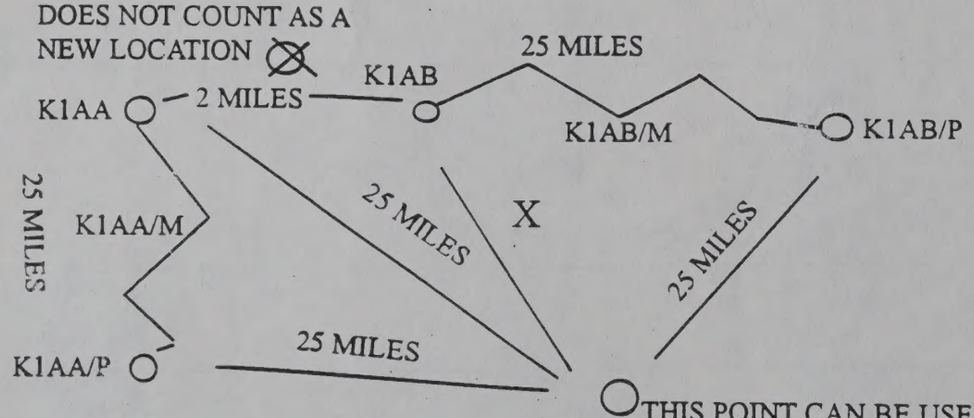
A CONTACT COULD COUNT FOR MORE THAN ONE AWARD. K1AA WORKS K1AB FROM HIS HOME QTH ON FSTV 440 MHZ. THEY ARE 2 MILES APART. COUNT AS 1 QSO. K1AA GETS IN HIS CAR AND WORKS K1AB IN HER HOME AS HE DRIVES TO A POINT 27 MILES FROM HIS HOME. COUNT AS 1 QSO AND AS ONE MOBILE QSO. K1AA ARRIVES AT REMOTE SITE AND WORKS K1AB. COUNT AS A QSO AND AS A PORTABLE QSO AND AS A 25 MILE CONTACT. K1AB GETS IN HER CAR AND DRIVES TOWARD A HILL 25 MILES FROM HER HOME AND WORKS K1AA AS SHE DRIVES. COUNT AS ONE QSO AND AS ONE MOBILE QSO. WHEN SHE ARRIVES SHE AGAIN WORKS K1AA AS PORTABLE, MORE THAN 25 MILES FROM HER HOME QTH. COUNT ANOTHER QSO AND AS A PORTABLE QSO. IF K1AA AND K1AB ARE NOW 50 MILES AWAY, COUNT AS A 50 MILE QSO.

POINTS: K1AA 5 QSOS	K1AB 5 QSO'S	(1 F-F, 1 M-F, 1 P-F, 1 P-M, 1 P-P)
1 MOBILE QSO	1 MOBILE QSO	(1 M-F)
3 PORTABLE QSO	3 PORTABLE QSO	(1 P-F, 1 P-M, 1-P-P)

BOTH STATIONS CAN CONTINUE FOR A MOBILE TO MOBILE, OR MOVE 25 MILES FROM BOTH THEIR HOME WTH AND THE PORTABLE LOCATION FOR A NEW 25 MILE POINT TO COUNT AS YET ANOTHER STATION.

QUICK AND EASY MULTIPLICATIONS

K1AA NOW SWITCHES TO 1255 MHZ AND WORKS K1AB EXACTLY AS ABOVE. ALL THE NEW QSO'S COUNT TOWARDS QUANTUM (NUMBER OF QSO'S) SINCE CONTACT IS ON A DIFFERENT BAND. (NOW K1AA WOULD HAVE 10 QSO'S). WHILE ON 1255 MHZ K1AA SWITCHES FROM AM VIDEO TO FM VIDEO AND REPEATS THE CONTACTS. Q1AA NOW HAS 5 MORE QSO'S (TOTAL 15) 3 MOBILE QSO'S AND 9 PORTABLE QSO'S.
STATION K1AB CAN ALSO DO TH E SAME TO INCREASE HER SCORE.
EACH STATION COULD MOVE TO OTHER POINTS WHICH ARE MORE THAN 25 MILES FROM ALL PREVIOUS POINTS USED AND INCREASE THEIR SCORES AGAIN.



THIS POINT CAN BE USED IF IT IS MORE THAN 25 MILES FROM ALL THE OTHER POINTS USED BY K1AA OR K1AB IN THE EXAMPLE.

POINT X COULD BE USED BY K1AA TO CONTACT STATIONS OTHER THAN K1AB AS IT IS MORE THAN 25 MILES FROM HIS QTH BUT NOT K1AB'S QTH

THIS IS FOR VHF/UHF ONLY FOR HF, ONLY 3 POSSIBLE LOCATIONS QUALIFY, HOME QTH, MOBILE AND ONE PORTABLE LOCATION, ALTHOUGH ALL PORTABLE LOCATION QSO'S COUNT, EVEN FROM MULTIPLE SITES. (IE JAPAN, BERMUDA AND CANADA ALL COUNT AS ONE PORTABLE OPERATION)

USE ANY COMMON MAP TO DETERMINE DISTANCES.